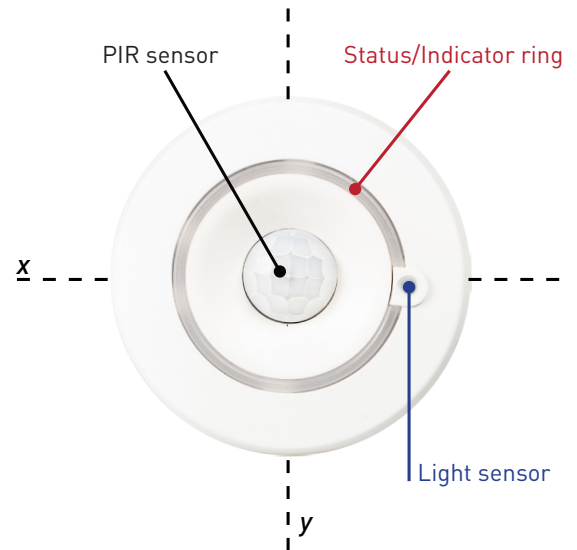


The 331 Multisensor for RoomSet is the heart of Helvar RoomSet single-room lighting solution for commissioning classrooms, offices and meeting rooms. For the installer, the automatic preset programming allows for swift out-of-the-box installation, with no configuration needed.

RoomSet supports advanced graphical configuration via an easy-to-use Android app that enables a quick and simple setup for different purposes, such as presentations, lectures or conferences, or for daylight-harvesting. For commissioning large numbers of rooms, the RoomSet app allows copying room layouts, thus making the commissioning process faster and consequently more cost-effective.

The Multisensor for RoomSet has a light sensor for constant-light control, and a passive infrared (PIR) presence detector to provide energy-saving functions in a DALI system. It also hosts a microcontroller running RoomSet firmware with Bluetooth® low-energy connectivity to allow tablet-based configuration.

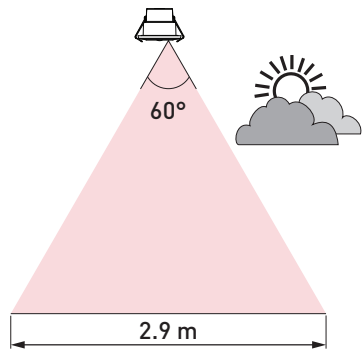


## Key Features

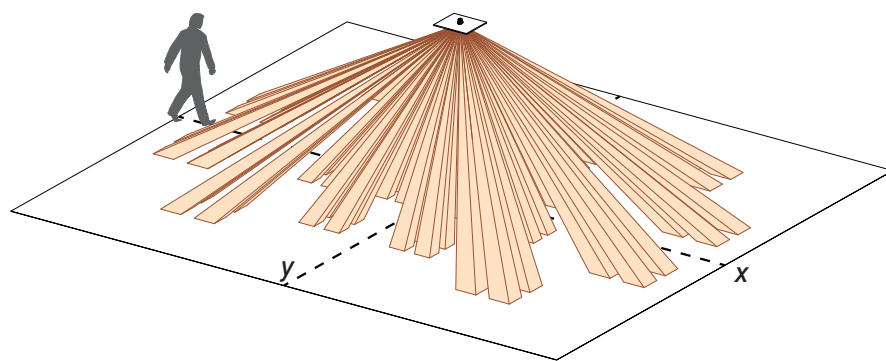
- Excellent detection performance through high sensitivity and multidirectional coverage.
- Automated addressing and defaults programming to allow installer testing.
- Functional system just by powering on the sensor.
- Drag-and-drop graphical configuration of rooms with an intuitive Android app.
- Over-the-Air upgrades via the RoomSet app to keep the system up to date with the latest available functionality.
- Programmable constant-light control for energy efficiency.
- Cost-effective deployment of large numbers of rooms.



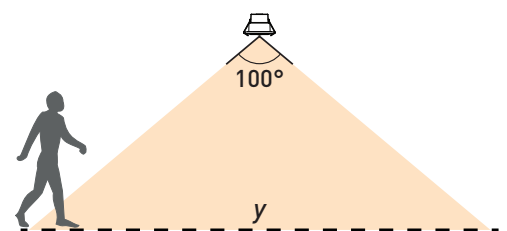
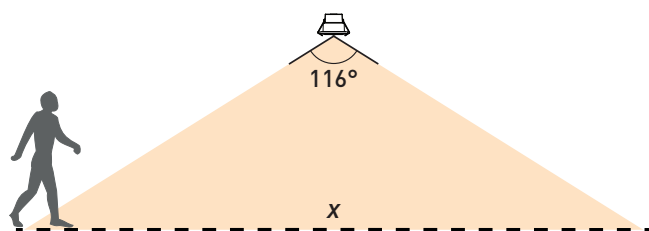
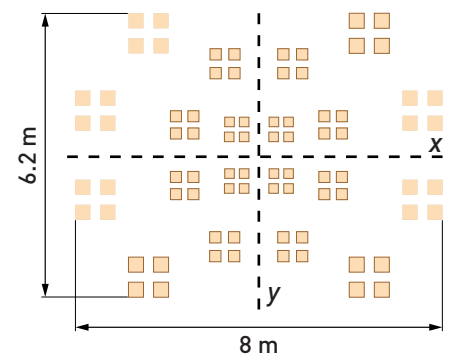
## Constant Light Coverage at 2.5 m Height



## Presence Detection Coverage at 2.5 m Height



Detection pattern at floor level for 2.5 m mounting height



## Technical Data

### Connections

<b>DALI:</b>	Removable connector block
<b>Bluetooth®:</b>	BLE 4.1
<b>Wire section:</b>	0.5 mm <sup>2</sup> – 1.5 mm <sup>2</sup> solid or stranded
<b>Cable rating:</b>	All cables must be mains rated.

### Power

<b>DALI supply input:</b>	9.5 V – 22.5 V
<b>DALI current consumption:</b>	Typical: 15 mA @ 16 V Maximum: 25 mA @ 9.5 V

### Sensors

<b>Light sensor:</b>	For constant-light functions
<b>Presence detector:</b>	Passive infrared (PIR)

### Mechanical data

<b>Max. recommended mounting height:</b>	4 m
<b>Presence detection coverage area:</b>	46 m <sup>2</sup> @ 2.5 m mounting height
<b>Mounting hole diameter:</b>	52 mm – 55 mm
<b>Bezel diameter:</b>	66 mm
<b>Recommended clearance depth:</b>	10 cm (with cable cover, incl. 5 cm for cabling)
<b>Material (casing):</b>	Nonflammable PC/ABS (UL94-V0)
<b>Finish / Colour:</b>	Semi-matt / White RAL 9003
<b>Weight:</b>	56 g
<b>IP code:</b>	IP30 [IP20 cable cover]

### Operating and storage conditions

<b>Ambient temperature:</b>	0 °C to +50 °C
<b>Relative humidity:</b>	Max. 90 %, noncondensing
<b>Storage temperature:</b>	-10 °C to +70 °C

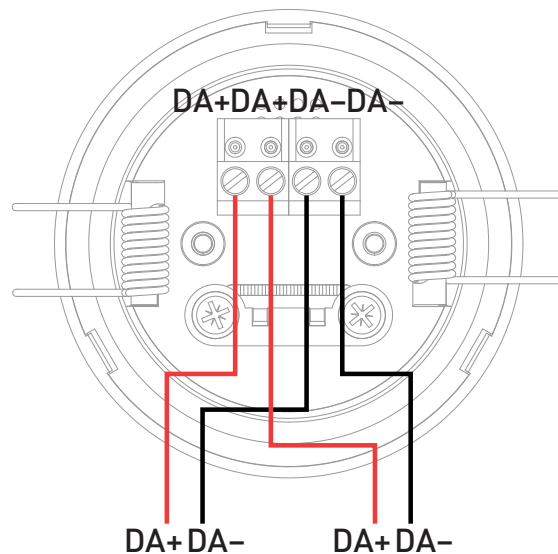
### Conformity and standards

<b>DALI standard:</b>	IEC 62386
<b>EMC emission:</b>	EN 61000-6-3
<b>RED:</b>	EN 300328 EN 301489-17
<b>EMC immunity:</b>	EN 61547
<b>Safety:</b>	EN 61347-2-11
<b>Environment:</b>	Complies with WEEE and RoHS.

### RoomSet compatibility

<b>Device:</b>	Tablet (9.7" screen or larger recommended)
<b>Software:</b>	Android 6.0.2 or later BLE 4.1 or later

### Connections



### Dimensions (mm)

